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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

FEBRUARY 1950

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AGRICULTURE HANDBOOK

Ready references, such as manuals, guidebooks, specifications, glossaries, and lists of plants or animals, will henceforth appear in this new series.

Forest fire-danger measurement in the eastern United States. George M. Jemison A. W. Lindenmuth, and J. J. Keetch. Forest Service. 68 p., illus. (AH 1.) Price 25¢. FOR SALE ONLY.[1]

This publication describes the fire-danger rating system as well as the uses of fire-danger ratings which are a useful tool in the job of prevention and control of forest fires.

FARMERS' BULLETINS

How to select a sound horse. H. H. Reese. Bureau of Animal Industry. 22 p., illus. (F 779, rev.) Price 10¢.

This revised bulletin describes the desirable and undesirable features as well as a knowledge of their specific and relative values.

Hog cholera. C. G. Cole, C. N. Dale, and R. R. Henley. Bureau of Animal Industry. 30 p., illus. (F 834, rev.) Price 10¢.

Description and treatment of this serious disease of hogs is given in this revised edition.

Bean diseases and their control. W. J. Zaumeyer and H. Rex Thomas. Bureau of Plant Industry, Soils, and Agricultural Engineering. 38 p., illus. (F 1692, rev.) Price 15¢.

This revised bulletin tells the farmer and the gardener how to guard against infection of bean crops, how to identify each of the principal bean diseases, and how to deal with individual diseases if they appear.

Growing alfalfa. H. M. Tysdal and H. L. Westover. Bureau of Plant Industry, Soils, and Agricultural Engineering. 33 p., illus. (F 1722, rev.) Price 15¢.

Cultivation methods as well as disease and insect control measures of one of the most important forage crops in the United States are given in this revised edition.

Growing the transplant onion crop. H. A. Jones, B. A. Perry, and G. N. Davis. Bureau of Plant Industry, Soils, and Agricultural Engineering. 26 p. illus. (F 1956, rev.) Price 10¢.

The transplant method of growing onions is described in this revision.

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*Compiled by Eleanor W. Clay, Office of Information.

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CIRCULARS

Group tenure in administration of public lands. C. W. Loomer and V. Webster Johnson. Bureau of Agricultural Economics. 51 p. (C 829.) Price 15¢. **FOR SALE ONLY.**[1]

Landlord-tenant relations with the government with respect to use of public grazing lands are discussed.

Cooperative studies on the effects of height of ridge, nitrogen supply, and time of harvest on yield and flesh color of the Porto Rico sweetpotato. J. B. Edmond, O. B. Garrison, R. E. Wright, Otis Woodard, C. E. Steinbauer, and M. T. Deonier. Bureau of Plant Industry, Soils, and Agricultural Engineering, in cooperation with the Agricultural Experiment Stations of Georgia, South Carolina, and Texas. 40 p. (C 832.) Price 15¢.

The results of experiments on this important variety of sweetpotato are presented.

Consumption of feed by livestock, 1909–47. R. D. Jennings. Bureau of Agricultural Economics. 105 p., illus. (C 836.) Price 25¢. **FOR SALE ONLY.**[1]

Types and amounts of feed consumed by different kinds of livestock are given for this period.

MISCELLANEOUS PUBLICATIONS

Insect enemies of eastern forests. F. C. Craighead. Bureau of Entomology and Plant Quarantine. 679 p., illus. (M 657.) Price $2.50. **FOR SALE ONLY.**[1]

The purpose of this volume is to treat in a practical manner the more important forest insects of that part of the United States lying east of the Great Plains or treeless areas.

Conservation methods in cotton production. B. H. Hendrickson. Soil Conservation Service. 32 p., illus. (M 694.) Price 10¢.

Information on practical methods of crop and soil management in checking erosion in cotton culture is given.

Methods for microbiological and chemical determinations of essential amino acids in proteins and foods. Millard J. Horn, D. Breese Jones, and Amos E. Blum. Bureau of Human Nutrition and Home Economics. 12 p., illus. (M 696.) Price 10¢.

This publication condenses for easier reference results of research on the nutritionally essential amino acids.

Report on exploratory investigations of agricultural problems of Alaska. Agricultural Research Administration. 185 p., illus. (M 700.) Price 60¢. **FOR SALE ONLY.**[1]

This report sets forth basic problems underlying potential agricultural development in Alaska and serves as a guide to development of future agriculture research.

The agricultural estimating and reporting services of the United States Department of Agriculture. Bureau of Agricultural Economics and Production and Marketing Administration. 266 p., illus. (M 703.) Price $1.00. **FOR SALE ONLY.**[1]

Gives all the facts and procedures involved in preparing agricultural statistics which aid farmers, processors, distributors, lending agencies and government agencies.

SERVICE AND REGULATORY MATERIAL

Index to service and regulatory announcements, January-December 1949. Bureau of Animal Industry.

Prevention of animal diseases: Cooperation with states. Bureau of Animal Industry. 4 p. (BAI Order 376, rev.)

SOIL SURVEYS

Cheshire and Sullivan Counties, New Hampshire. C. S. Simmons, W. J. Latimer, M. H. Layton, W. H. Coates, W. H. Lyford, and P. N. Scripture. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the University of New Hampshire Agricultural Experiment Station. Series 1937, No. 23. 82 p., illus. Price $1.75.

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Rock County, Minnesota. W. I. Watkins, M. B. Marco, Ralph G. Leighty, Harold F. Arneman, Olaf C. Olson, Russell L. Wold, A. W. Marsh, and E. A. Fieger. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the University of Minnesota Agricultural Experiment Station. Series 1938, No. 21. 66 p., illus. Price $1.00.

TECHNICAL BULLETINS

Partitioning method of genetic analysis applied to quantitative characters of tomato crosses. LeRoy Powers, L. F. Locke and J. C. Garrett. Bureau of Plant Industry, Soils, and Agricultural Engineering. 56 p. (T 998.) Price 15¢. FOR SALE ONLY.[1]

This bulletin presents new procedures and methods used in tomato breeding studies.

An analysis of speculative trading in grain futures. Blair Stewart. Commodity Exchange Authority. 134 p., illus. (T 1001.) Price 30¢. FOR SALE ONLY.[1]

This is a study of the trading characteristics of small traders on commodity exchanges.

Evaluation of indexes of maturity for apples. Mark H. Haller and Edwin Smith. Bureau of Plant Industry, Soils, and Agricultural Engineering. 53 p., illus. (T 1003.) Price 15¢. FOR SALE ONLY.[1]

This bulletin gives data upon which recommendations for picking apples during various stages of maturity were based.

OTHER PUBLICATIONS

Abundant continued production through the Agricultural Conservation Program. Production and Marketing Administration. 16 p., illus. (PA 76.)

Handling, storage, transportation, and utilization of potatoes: A digest of information on the subject published mostly from 1938 to 1948. Dean H. Rose and Harold T. Cook. Bureau of Plant Industry, Soils, and Agricultural Engineering. 163 p. (B 11.) Price 35¢.

Harlequin bug. Bureau of Entomology and Plant Quarantine. 1 p., illus. (PS 5, rev.) Price 5¢.

Index-catalogue of medical and veterinary zoology. Part 11. Authors: N to OZZARD. Bureau of Animal Industry. Pp. 3483–3720. Price 75¢. RESTRICTED.

Report of the Administrator of the Production and Marketing Administration, 1949. Ralph S. Trigg, 100 p. Price 25¢.

Report of the Federal Experiment Station in Puerto Rico, 1949. Office of Experiment Stations. 27 p.

Technical skill for soil and water conservation. Soil Conservation Service [15] p., illus. (PA 86.)

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PERIODICALS

The agricultural situation. Vol. 34, No. 2. February 1950. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.[1]

Extension service review. February 1950. Vol. 21, No. 2. Price 10¢ a copy, 75¢ a year, domestic; $1.15 a year, foreign.[1]

Foreign agriculture. February 1950. Vol. XIV, No. 2. Price 15¢ a copy, $1.50 a year, domestic; $2.00 a year, foreign.[1]

News for farmer cooperatives. February 1950. Vol. 16, No. 11. Price 10¢ a copy, $1.00 a year, domestic; $1.40 a year, foreign.[1]

Rural electrification news. February–March 1950. Vol. 15, Nos. 7 and 8. Price 15¢ a copy, 75¢ a year, domestic; $1.00 a year, foreign.[1]

Soil conservation. February 1950. Vol. XV, No. 7. Price 10¢ a copy, $1.00 a year, domestic; $1.50 a year, foreign.[1]

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 72 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

A TREE GROWS FOR CHRISTMAS. 1 reel, 16 mm., sound, black and white. Running time, 11 minutes. Released 1949.

Same film, in color, announced in November 1949 issue. Not in Film Libraries. Purchase and preview prints obtainable from Castle Films Division of United World Films, Inc., 1445 Park Avenue, New York 29, New York. Black and white film costs approximately $15.00; color film costs approximately $45.00.

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